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Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>		Attorney Docket Number	END-5042CIP
<input type="checkbox"/> Declaration Submitted with Initial Filing <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required) OR		First Named Inventor	T. Douglas Mast
		<b>COMPLETE IF KNOWN</b>	
		Application Number	10/721,034
		Filing Date	November 24, 2003
		Group Art Unit	3737
		Examiner Name	Not assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR MONITORING OF MEDICAL TREATMENT USING PULSE-ECHO ULTRASOUND**  
*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) **11/24/2003** as United States Application Number or PCT International Application Number 10/721,034 and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
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<input type="checkbox"/> Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:					



## **DECLARATION - Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

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Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

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Practitioner(s) named below:  
Name

**Registration Number**

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Address all telephone calls to Verne E. Kreger, Jr. at telephone number (513) 337-3295.

Customer Number  
Direct all correspondence to:  or Bar Code Label 000027777 OR  Correspondence address below

**Name:**

**Address:**

**Address:**

<b>City:</b>	<b>State:</b>	<b>ZIP</b>
<b>Country</b>	<b>Telephone:</b>	<b>Fax:</b> (513) 337-8489

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) T. Douglas		Family Name or Surname MAST	
Inventor's Signature			Date 9 Sept. 2004
Residence: City Cincinnati,	State OH	Country US	Citizenship US
Mailing Address 3907 Lansdowne Avenue			
City Cincinnati,	State OH	ZIP 45236	Country US
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NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Waseem		Family Name or Surname FAIDI	
Inventor's Signature			Date
Residence: City Clifton Park	State NY	Country US	Citizenship Jordan
Mailing Address 702 Solomon Avenue			
City Clifton Park	State NY	ZIP 12065	Country US
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Given Name (first and middle [if any]) Inder Raj S.		Family Name or Surname MAKIN	
Inventor's Signature			Date
Residence: City Loveland	State Ohio	Country US	Citizenship US
Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140			
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Inventor's Signature		Date		
Residence: City Phoenix	State AZ	Country US	Citizenship US	
Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ				
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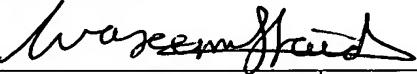
Name:  

Address:  

Address:  

City: <u> </u>	State: <u> </u>	ZIP: <u> </u>
Country: <u> </u>	Telephone: <u> </u>	Fax: (513) 337-8489

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Inventor's Signature			Date 9/14/2004
Residence: City	Clifton Park	State NY	Country US
Mailing Address	702 Solomon Avenue		
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Inventor's Signature	<i>Inder Raj S. Makin</i>		Date <i>September 14, 2004</i>
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Customer Number  
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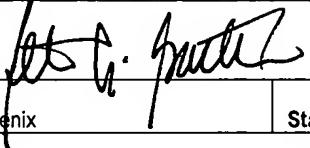
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Country <u> </u>	Telephone: <u> </u>	Fax: (513) 337-8489

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) T. Douglas		Family Name or Surname MAST	
Inventor's Signature		Date	
Residence: City	Cincinnati,	State OH	Country US
Mailing Address	3907 Lansdowne Avenue		
City	Cincinnati,	State OH	ZIP 45236
Country US			
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Waseem		Family Name or Surname FAIDI	
Inventor's Signature		Date	
Residence: City	Clifton Park	State NY	Country US
Mailing Address	702 Solomon Avenue		
City	Clifton Park	State NY	ZIP 12065
Country US			
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<b>NAME OF THIRD INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Inder Raj S.		Family Name or Surname MAKIN	
Inventor's Signature		Date	
Residence: City	Loveland	State Ohio	Country US
Mailing Address	11388 Donwiddle Drive, Loveland, OH 45140		
City	Loveland	State OH	ZIP 45140
Country US			

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NAME OF FOURTH INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any]) Peter G.		Family Name or Surname BARTHE		
Inventor's Signature 		Date 20 September 2004		
Residence: City Phoenix	State AZ	Country US	Citizenship US	
Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ				
City Phoenix	State AZ	ZIP 85044	Country US	
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NAME OF FIFTH INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor		
Given Name (first and middle [if any]) Michael H.		Family Name or Surname SLAYTON		
Inventor's Signature		Date		
Residence: City Tempe	State AZ	Country US	Citizenship US	
Mailing Address 1323 E. Whalers Way				
City Tempe	State AZ	ZIP 85283-2149	Country US	



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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>		Attorney Docket Number	END-5042CIP
<input type="checkbox"/> Declaration Submitted with Initial Filing <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (Surcharge (37 CFR 1.16(e)) required) OR		First Named Inventor	T. Douglas Mast
		<b>COMPLETE IF KNOWN</b>	
		Application Number	10/721,034
		Filing Date	November 24, 2003
		Group Art Unit	3737
		Examiner Name	Not assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.  
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD FOR MONITORING OF MEDICAL TREATMENT USING PULSE-ECHO ULTRASOUND**  
*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY) **11/24/2003** as United States Application Number or PCT International Application Number 10/721,034 and was amended on (MM/DD/YYYY)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/> Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:					

**DECLARATION - Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status
10/153,241	May 22, 2002	Pending

I hereby appoint:

Practitioners at Customer Number **000027777** → Place Customer Number Bar Code Label Here

AND

Practitioner(s) named below:  
Name Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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Country	Telephone:	Fax: (513) 337-8489

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Inventor's Signature		Date		
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Mailing Address 3907 Lansdowne Avenue				
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Given Name (first and middle [if any]) Waseem		Family Name or Surname FAIDI		
Inventor's Signature		Date		
Residence: City	Clifton Park	State NY	Country US	Citizenship Jordan
Mailing Address 702 Solomon Avenue				
City	Clifton Park	State NY	ZIP 12065	Country US
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Given Name (first and middle [if any]) Inder Raj S.		Family Name or Surname MAKIN		
Inventor's Signature		Date		
Residence: City	Loveland	State Ohio	Country US	Citizenship US
Mailing Address 11388 Donwiddle Drive, Loveland, OH 45140				
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Mailing Address 4818-1 E. Hazel Drive, Phoenix, AZ			
City Phoenix	State AZ	ZIP 85044	Country US
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NAME OF FIFTH INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Michael H.		Family Name or Surname SLAYTON	
Inventor's Signature 		Date 9/15/04	
Residence: City Tempe	State AZ	Country US	Citizenship US
Mailing Address 1323 E. Whalers Way			
City Tempe	State AZ	ZIP 85283-2149	Country US